

Automotive Data Solutions Inc.

INSTALL GUIDE

ADS-DL-CH6

CH6

AVAILABLE FOR: ADS-DL

Rev. Date: August 11, 2010

Doc. No.: ##3737##

20100811

VERSION FRANÇAISE DISPONIBLE EN LIGNE AU WWW.IDATALINK.COM

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CHRYSLER

Jeep

 DODGE

NOTICE: The manufacturer will accept no responsibility for any electrical damage resulting from improper installation of this product, be that either damage to the vehicle itself or to the installed device. This device must be installed by a certified technician. This guide has been written for properly trained technicians; a certain level of skill & knowledge is therefore assumed. Please review the Installation Guide carefully before beginning any work.

INSTALL TYPE SELECTION

MAKE	MODEL	YEAR	INSTALL TYPE	FEATURES																	
				DATA IMMOBILIZER BYPASS	DOWNLOADABLE SOFTWARE	RS232 COMMUNICATION	2-WAY COMPATIBILITY	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM	POWER LIFTGATE	TRUNK/HATCH RELEASE	POWER SLIDING DOOR (L)	POWER SLIDING DOOR (R)	DOOR STAT OUTPUT	TRUNK STAT OUTPUT	TACHOMETER OUTPUT	DATA/MUX STARTER CTRL	BRAKE PEDAL STAT OUTPUT*
CHRYSLER	300M	99-04	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	300M w/Alarm	99-04	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Concorde	99-04	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Concorde w/Alarm	99-04	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	LHS	99-01	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	LHS w/Alarm	99-01	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Neon	00-05	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Pacifica	04-08	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	PT Cruiser	01-05	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Sebring Sedan/Convertible	01-06	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Sebring Sedan/Convertible w/Alarm	01-06	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Town & Country	01-03	4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Town & Country w/Alarm	01-03	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Town & Country	04-07	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Voyager	01-03	4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Voyager w/Alarm	01-03	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
DODGE	Caravan/Grand Caravan	01-03	4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Caravan/Grand Caravan w/Alarm	01-03	5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Caravan/Grand Caravan	04-07	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Dakota	01-04	6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Dakota w/Alarm	01-04	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Durango	01-03	6	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Durango w/Alarm	01-03	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Intrepid	99-04	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Intrepid w/Alarm	99-04	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Ram Pickup	02-05	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SRT 4	03-05	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Stratus Sedan	01-06	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Stratus Sedan w/Alarm	01-06	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SX 2.0	03-05	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
JEEP	Grand Cherokee	99-04	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Liberty	02-04	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Liberty	05-07	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	TJ	01-06	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Wrangler	01-06	1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PLYMOUTH	Neon	00-01	3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Visit our website for advanced features.

† Extra resistor and relay required.

* Brake output available ONLY with ignition ON.

DETECT OEM ALARM EQUIPPED VEHICLES

WITH OEM KEYFOB

WITHOUT OEM KEYFOB

1 Close hood and trunk/hatch.
Enter vehicle.
Close all doors.

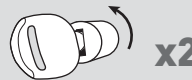
1 Open driver's door window.
Close hood and trunk/hatch.
Close all doors.

2 Press LOCK twice on OEM fob.



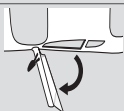
Wait 60 seconds.

2 LOCK driver's door twice using OEM key.



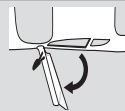
Wait 60 seconds.

3 Open driver's door.



Alarm goes on,
OEM alarm equipped vehicle.

3 Open driver's door using handle located inside vehicle.



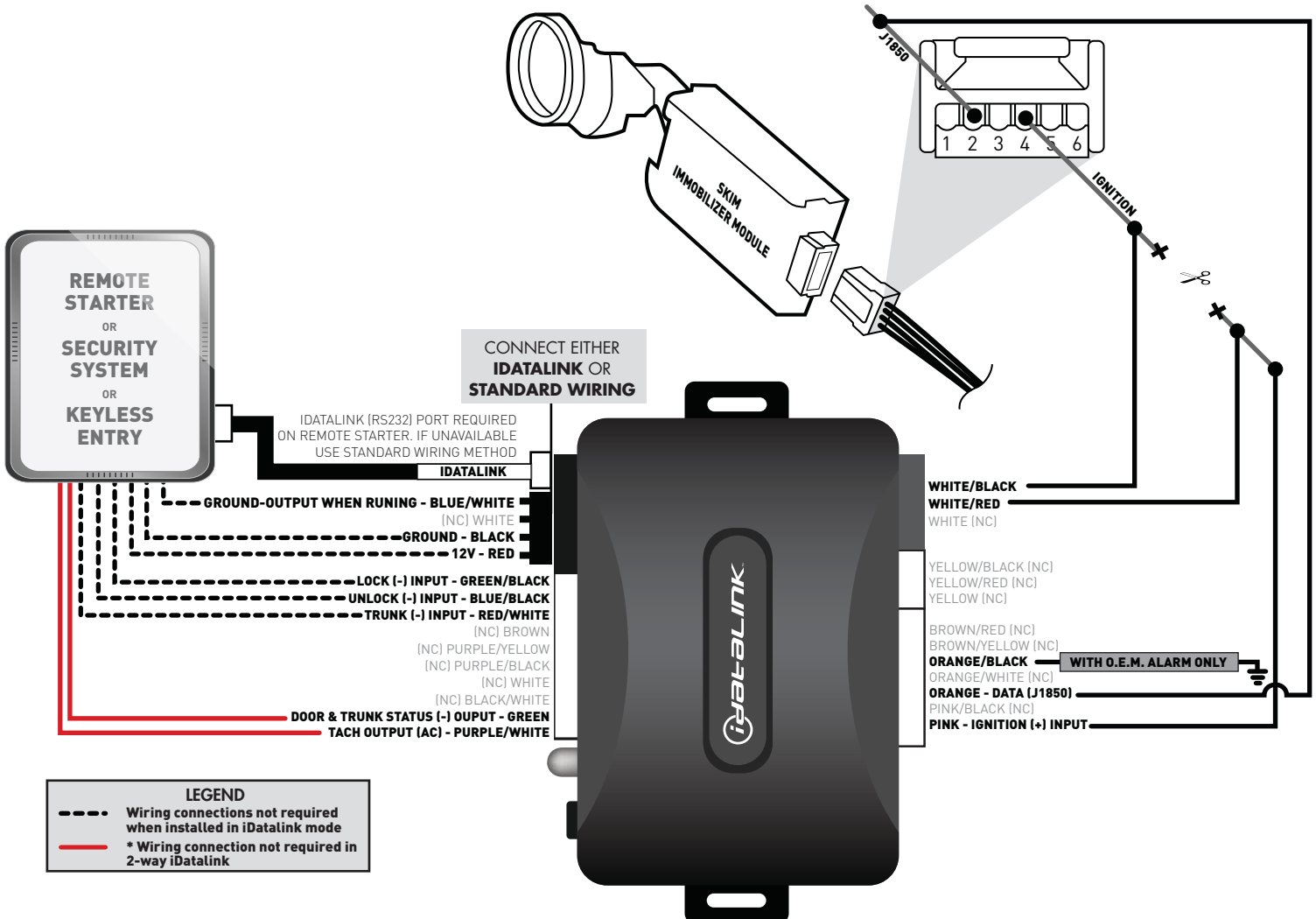
Alarm goes on,
OEM alarm equipped vehicle.

TYPE 1 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	IGNITION		J1850	
			WIRE COLOR	POSITION	WIRE COLOR	POSITION
CHRYSLER	300M ²	99-04	Blue/White	4	Violet/Yellow	2
	Concorde ²	99-04	Blue/White	4	Violet/Yellow	2
	LHS ²	99-01	Blue/White	4	Violet/Yellow	2
	Sebring Sedan/Convertible ²	01-06	Blue/White	4	Violet/Pink	2
DODGE	Intrepid ²	99-04	Blue/White	4	Violet/Yellow	2
	Stratus Sedan ²	01-06	Blue/White	4	Violet/Pink	2
JEEP	Grand Cherokee ^{1&2}	99-04	Blue/White	3	Yellow/Violet or Yellow/Black	5
	TJ ^{1&2}	01-04	Blue	4	Violet/Yellow	2
	TJ ^{1&2}	05-06	Pink/White	4	White/Violet	2
	Wrangler ^{1&2}	01-04	Blue	4	Violet/Yellow	2
	Wrangler ^{1&2}	05-06	Pink/White	4	White/Violet	2

¹ With OEM Alarm
² Without OEM Alarm

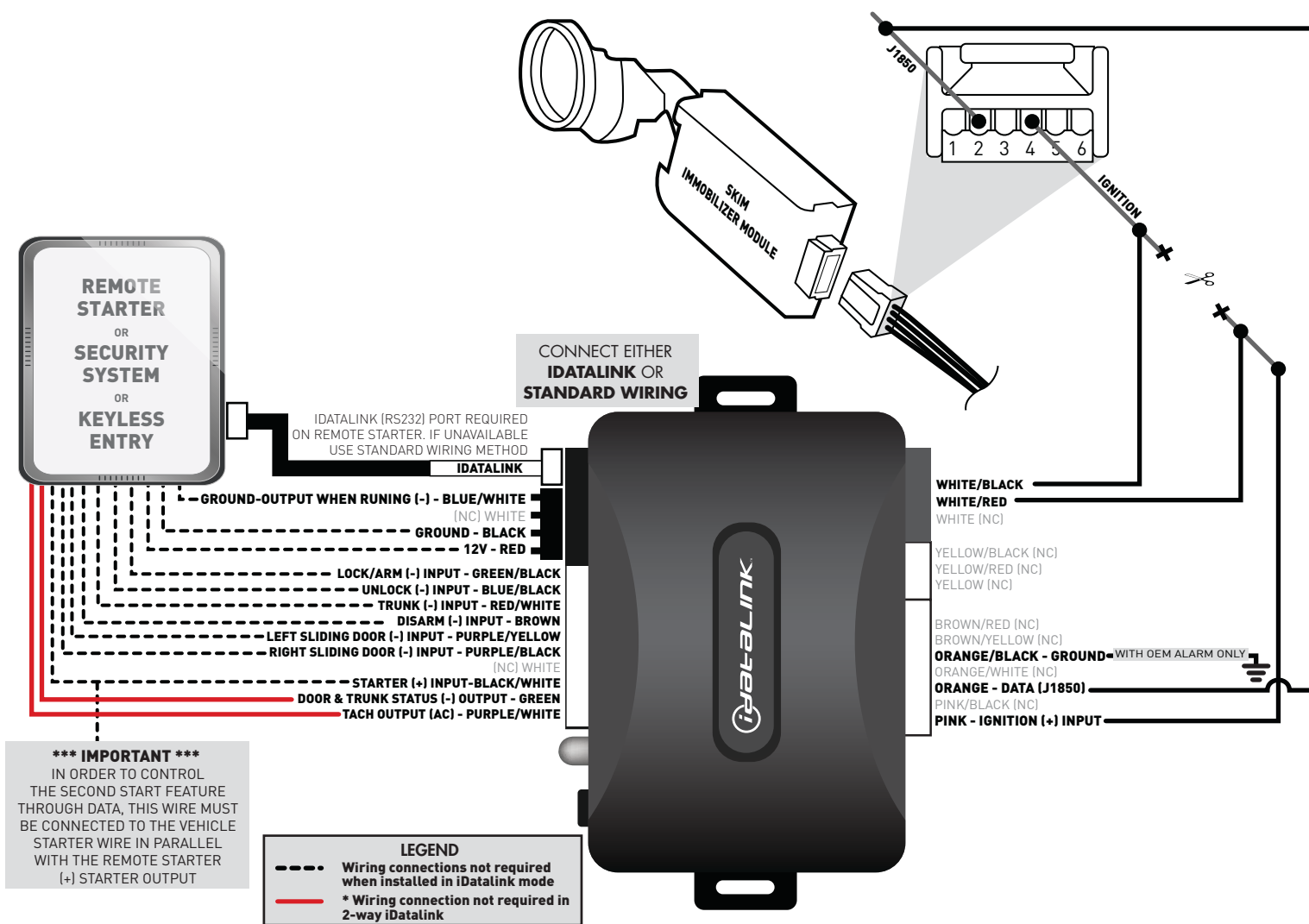
TYPE 1 - WIRING DIAGRAM



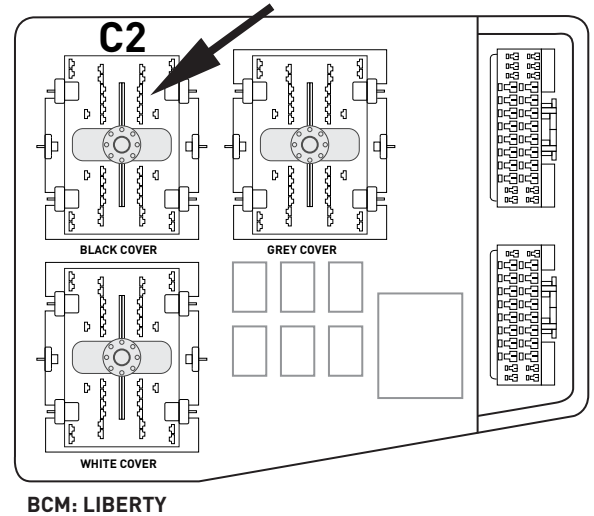
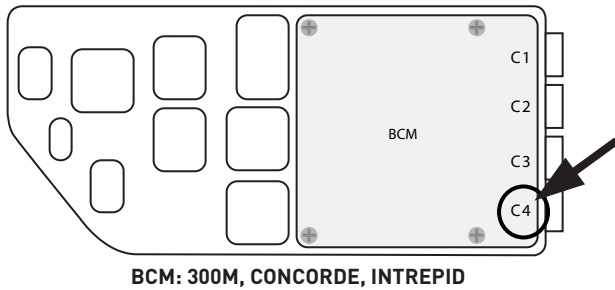
TYPE 2 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	IGNITION	J1850
			WIRE COLOR	WIRE COLOR
CHRYSLER	Pacifica	04-08	Pink/Gray	White/Violet
	Town & Country	04-07	Pink/White	White/Violet
DODGE	Caravan/Grand Caravan	04-07	Pink/White	White/Violet
JEEP	Liberty	05-07	Pink/LtGreen	White/Violet

TYPE 2 - WIRING DIAGRAM



TYPE 3 - COMPONENT LOCATOR



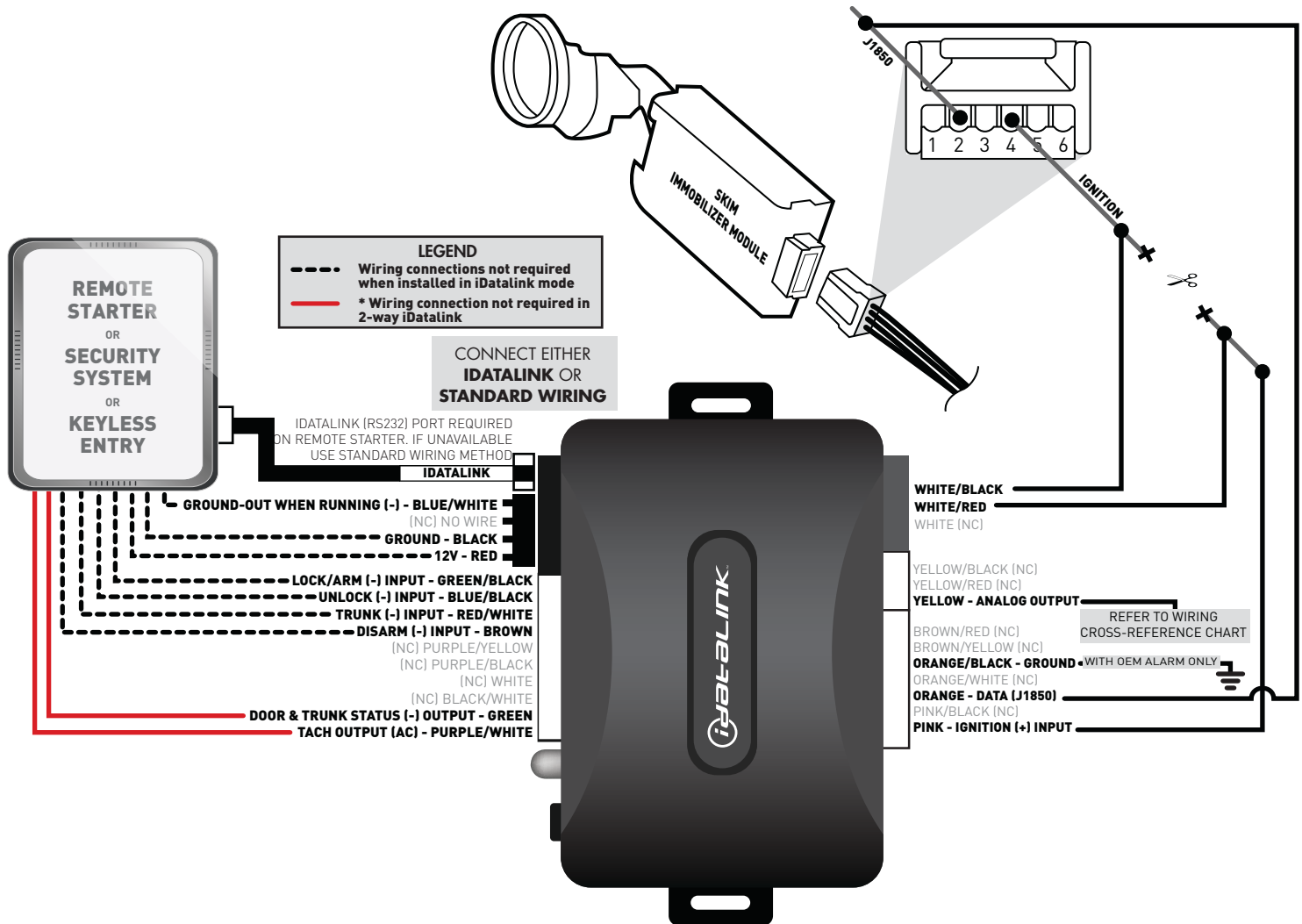
TYPE 3 - WIRE CROSS REFERENCE CHART

MAKE	MODEL	YEAR	ANALOG DOORLOCK		IGNITION	J1850
			WIRE COLOR	LOCATION	WIRE COLOR	WIRE COLOR
CHRYSLER	300M ¹	99-04	LtGreen/Orange	At BCM, C4 Connector, Pin #13 (See BCM image)	Blue/White	Violet/Yellow
	Concorde ¹	99-04	LtGreen/Orange	At BCM, C4 Connector, Pin #13 (See BCM image)	Blue/White	Violet/Yellow
	LHS ¹	99-01	LtGreen/Orange	At BCM, C4 Connector, Pin #13 (See BCM image)	Blue/White	Violet/Yellow
	Neon ^{1&2}	00-05	LtGreen	Harness coming from driver door	Blue/White	Violet/Yellow
	PT Cruiser ¹	01-05	White/DkGreen	Harness coming from driver door	Blue/Black	Violet/Yellow
	Sebring Convertible ¹	01-06	LtGreen/Orange	At BCM, C4 Connector, Pin #4 or Harness from driver door	Blue/White	Violet/Pink
	Sebring Sedan ¹	01-06	LtGreen/Orange	At BCM, C4 Connector, Pin #4 or Harness from driver door	Blue/White	Violet/Pink
DODGE	Dakota ¹	01-04	LtGreen/Orange	Driver Kick Panel	LtGreen/Black	Violet/Yellow
	Durango ¹	01-03	LtGreen/Orange	Driver Kick Panel	LtGreen/Black	Violet/Yellow
	Intrepid ¹	99-04	LtGreen/Orange	At BCM, C4 Connector, Pin #13 (See BCM image)	Blue/White	Violet/Yellow
	Ram Pickup ²	02-03	White/LtGreen	Driver Kick Panel	LtGreen/Black	Violet/White
	Ram Pickup ¹	02-03	LtGreen/Orange	Driver Kick Panel	LtGreen/Black	Violet/White
	Ram Pickup ²	04-05	Purple/DkGreen	Driver Kick Panel	Pink/Gray	White/Violet
	Ram Pickup ¹	04-05	Purple/LtBlue	Driver Kick Panel	Pink/Gray	White/Violet
	SRT 4 ^{1&2}	03-05	LtGreen	Harness coming from driver door	Blue/White	Violet/Yellow
	Stratus Sedan ¹	01-06	LtGreen/Orange	At BCM, C4 Connector, Pin #4 or Harness from driver door	Blue/White	Violet/Pink
SX 2.0 ^{1&2}	03-05	LtGreen	Harness coming from driver door	Blue/White	Violet/Yellow	
JEEP	Liberty ^{1&2}	02-04	Pink/Violet	At BCM, C2 Connector, Pin #20 (See BCM image)	Blue	Yellow/Violet or Violet/Black
PLYMOUTH	Neon ^{1&2}	00-01	LtGreen	Harness coming from driver door	Blue/White	Violet/Yellow

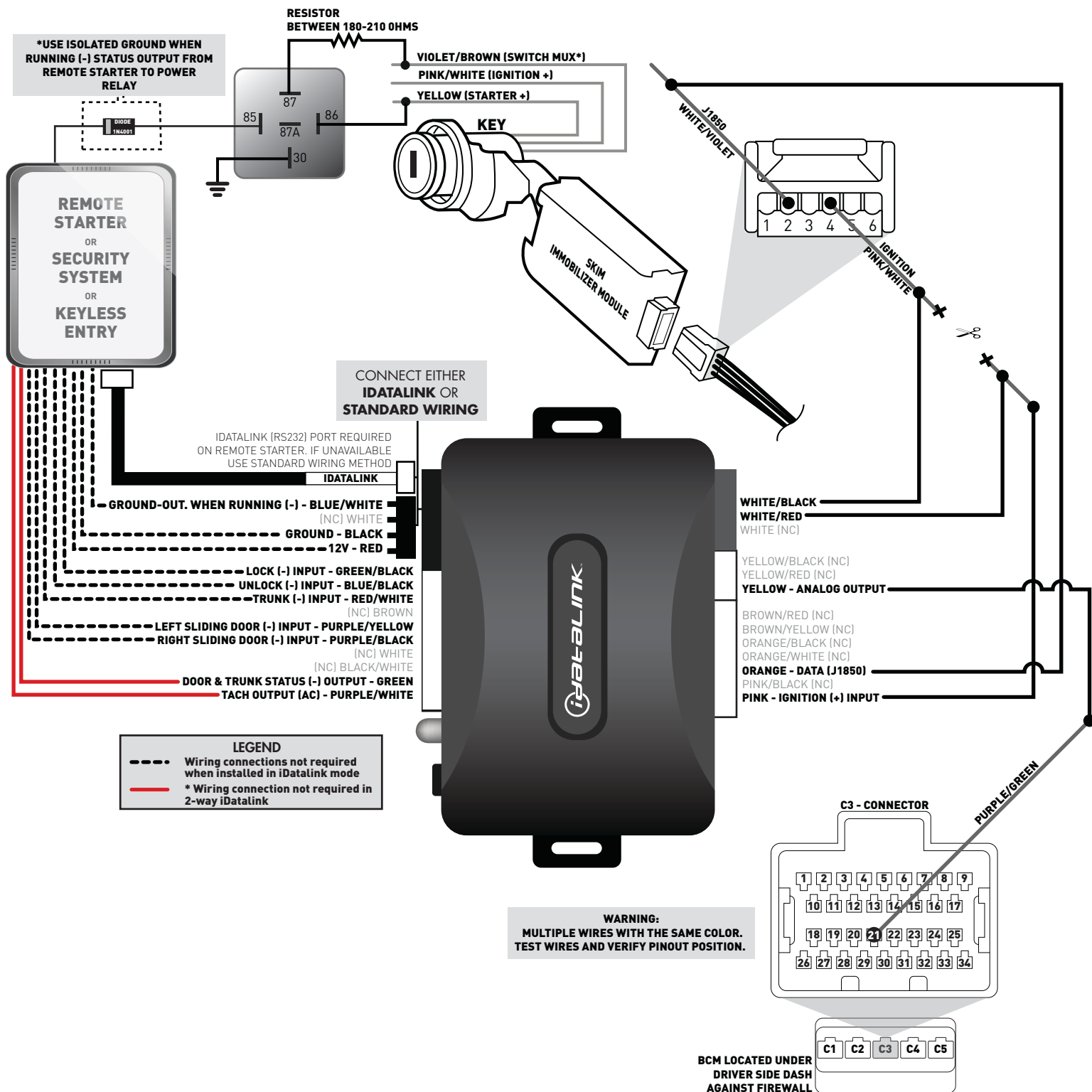
¹ With OEM Alarm

² Without OEM Alarm

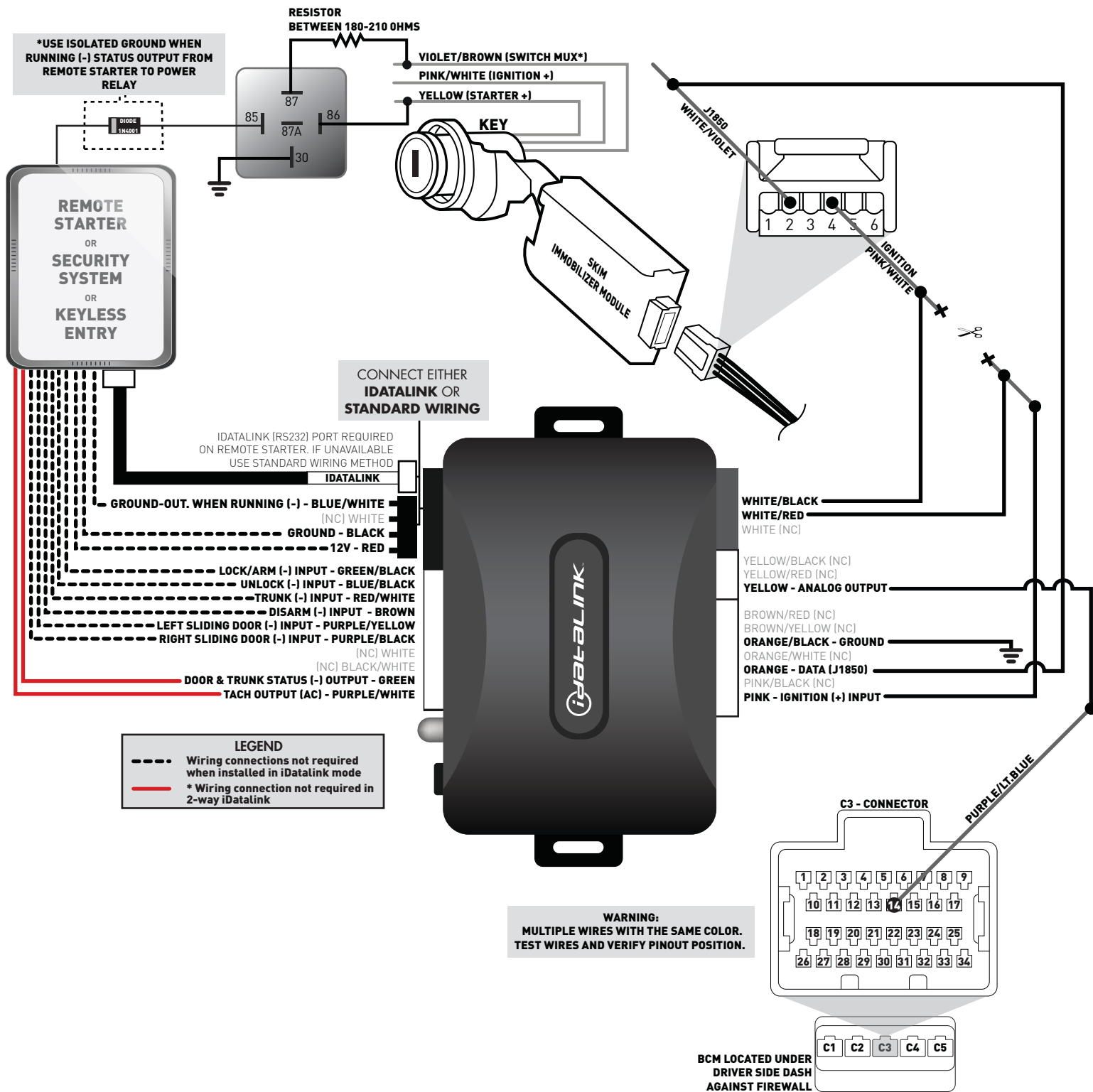
TYPE 3 - WIRING DIAGRAM



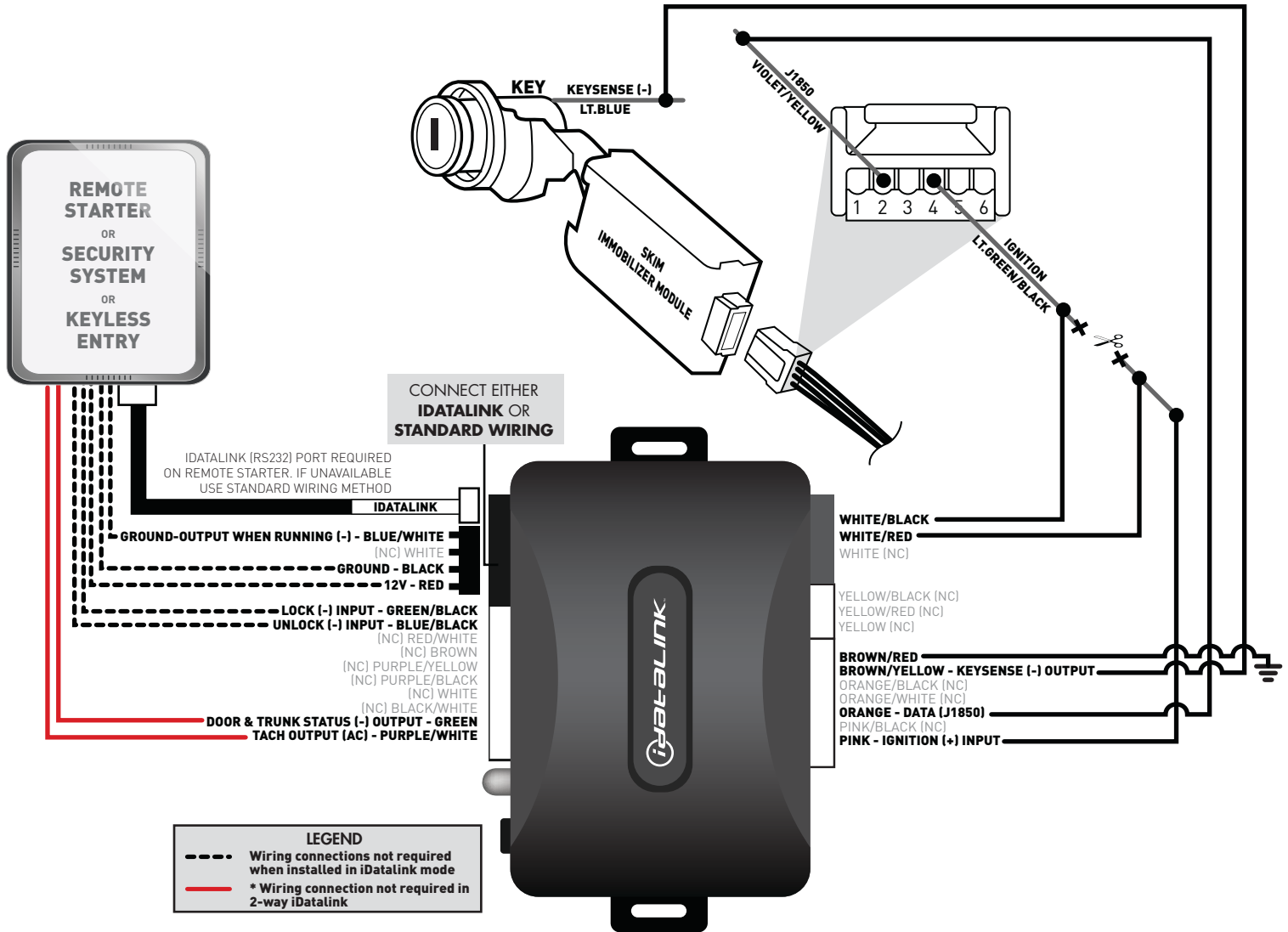
TYPE 4 - WIRING DIAGRAM



TYPE 5 - WIRING DIAGRAM



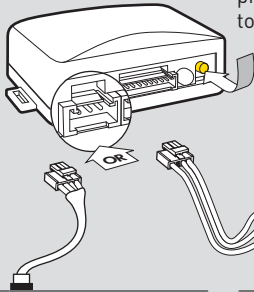
TYPE 6 - WIRING DIAGRAM



INSTALLATION MODE SELECTION

1

PRESS AND RELEASE
programming button
to **select installation mode.**



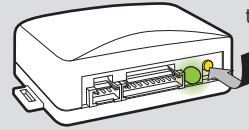
Remote Starter
Data Mode
LED flashes once



Remote Starter
Standard Mode
LED flashes twice

2

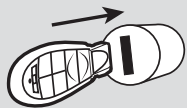
PRESS AND HOLD
programming button
until LED turns solid GREEN
to **register selection.**



After registration, follow Factory Reset Procedure to change installation mode and restart this procedure.

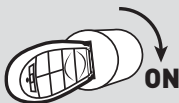
MODULE PROGRAMMING PROCEDURE

1



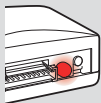
Insert key into ignition.

2



Turn key to ON position.

3



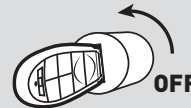
LED will turn solid RED.

4



Wait, it may take up to **20 seconds**. LED will turn solid GREEN then will turn OFF.

5



Turn key to OFF position.

6



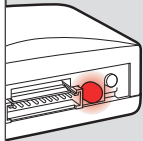
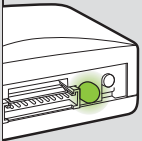
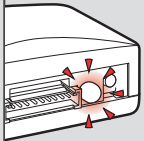
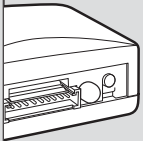
Remove key.

7

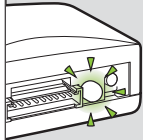
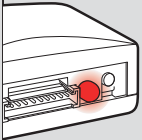
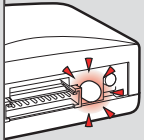
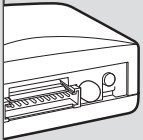
Module Programming
Procedure completed.

MODULE DIAGNOSTICS

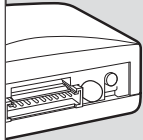
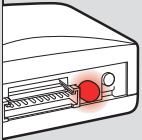
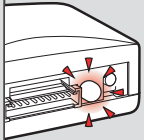
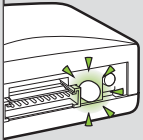
DURING PROGRAMMING

 <p>SOLID RED waiting for more vehicle information</p>	 <p>SOLID GREEN THEN OFF correctly programmed</p>	 <p>FLASHING RED missing/wrong connection or firmware</p>	 <p>LED OFF no activity or already programmed</p>
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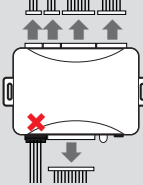
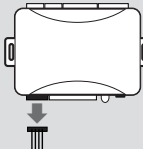
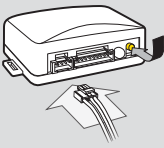
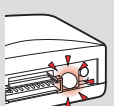
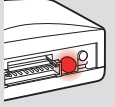
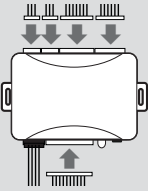
DURING REMOTE START (R.S.)

 <p>FLASHING GREEN correctly programmed and operational</p>	 <p>SOLID RED incorrectly programmed</p>	 <p>FLASHING RED incorrectly programmed</p>	 <p>LED OFF invalid ground when running status from r.s.</p>
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WITH IGNITION OFF

 <p>LED OFF at rest and ready for a r.s. sequence</p>	 <p>SOLID RED not programmed waiting for more vehicle information</p>	 <p>FLASHING RED incorrectly programmed or connected</p>	 <p>FLASHING GREEN false ground when running status from r.s.</p>
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FACTORY RESET PROCEDURE

- 1**  **DISCONNECT** all connectors from module **EXCEPT** the black 4-PIN standard or optional data connector.
 - 2**  **DISCONNECT** black 4-PIN standard or optional data connector.
 - 3**  **PRESS AND HOLD** programming button while connecting either 4-PIN standard or optional data connector.
 - 4**  When LED flashes red, **RELEASE** programming button.
 - 5**  LED will turn solid red for 2 seconds.
RESET COMPLETED.
 - 6**  **RECONNECT** all connectors.
 - 7** Repeat programming procedure.
- !** Failure to follow procedure may result with a DTC or a CHECK ENGINE error message.